



Welcome to Mono NOV



One Company, Unlimited Solutions





# MONO MINING



Mining success stories

*Bendigo 2006*

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In mid 2006, Mono Pumps Australia was awarded one of the single largest mine dewatering projects ever embarked on in Australia.

The key challenge of the project was to deliver 5 complete pump stations comprised of 22 individual pumps, all on a 6 month delivery schedule.



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The 5 pumping stations were made up of 3 dirty water and 2 clean water stations.

**Duties:-**

Dirty water station 1.

Flow:- 13.5 l/s

Duty:- 460m max

Dirty water stations 2 & 3.

Flow:- 20 l/s

Duty:- 315m max

Clean water stations 4 & 5

Flow :- 40 l/s

Duty:- 410m max

**Pumps selected:-**

1.

Mono mine spec

E088 x 4

2 & 3.

Mono mine spec

E106 x 6

4 & 5

Rovatti multistage centrifugal pumps X 6

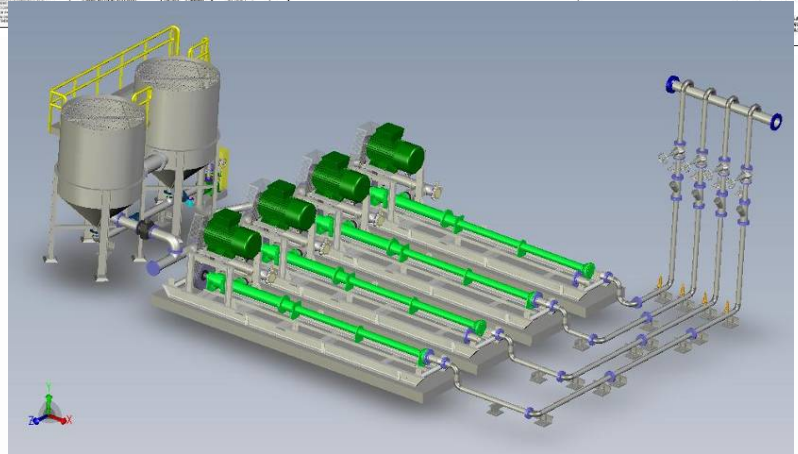
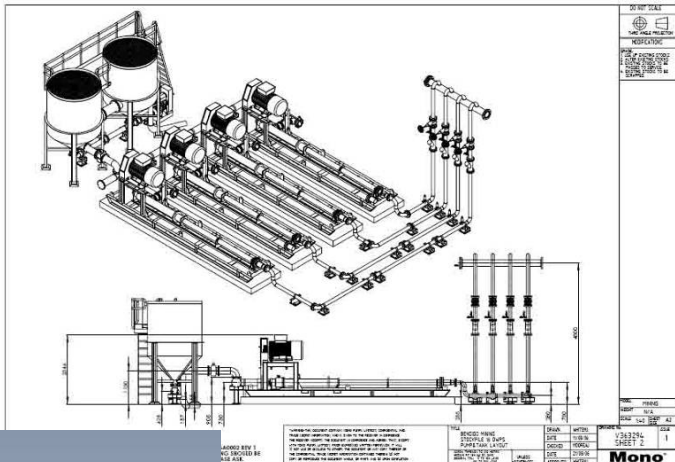
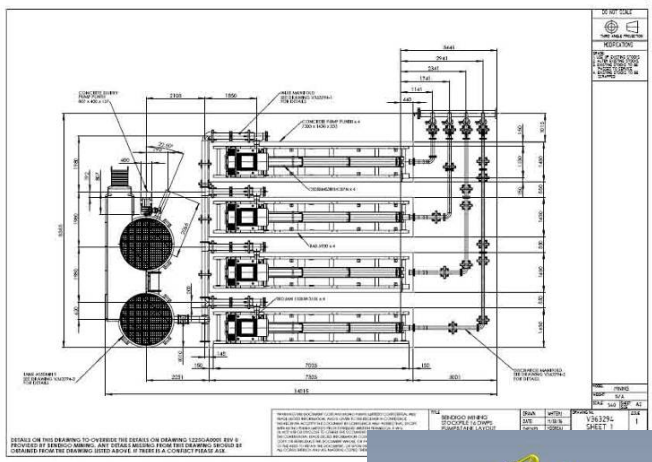
Other units supplied were centrifugals as sump and slurry pumps.



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**Engineering:-** Drawings for fabrication and design layout were completed by the Mono Pumps in-house Engineering department.



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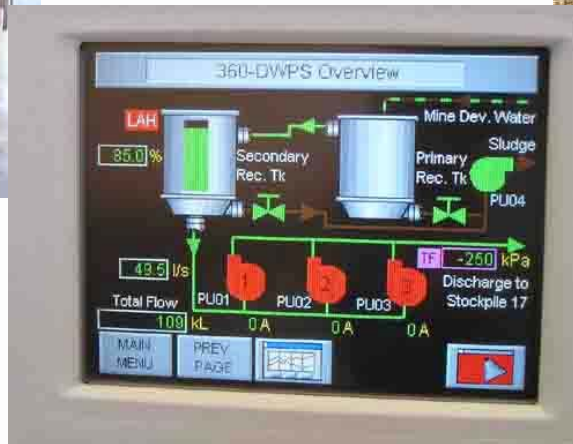
**Partnership with vendors:-** With a significant volume of fabrications needed in a short period of time, Mono Pump partnered with Bendigo Engineering due to their manufacturing capability and close proximity to mine. A requirement of the tender was pre-assembly of each station prior to installation and commissioning which they were also able to accommodate.



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**Partnership with vendors :-** For the control technique we turned to Ausmine Electrical located in Kalgoorlie, the mining capital of Australia. Using the most current products available, a unique control system was created including a touch screen from which you can manually control all pumps, or review how an individual pumps performance has been over several weeks. This system also has the capability of being controlled from the surface.



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**Training :-**

A comprehensive training program was prepared and delivered by Mono, to ensure that the equipment could be fully maintained, minimizing overall running cost and maximize life of the equipment.



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**Commissioning & installation :-** On all major projects no matter how remote, Mono Pumps is able to offer an installation and commissioning service



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**Delivery:-** The entire project was delivered on time and to budget.



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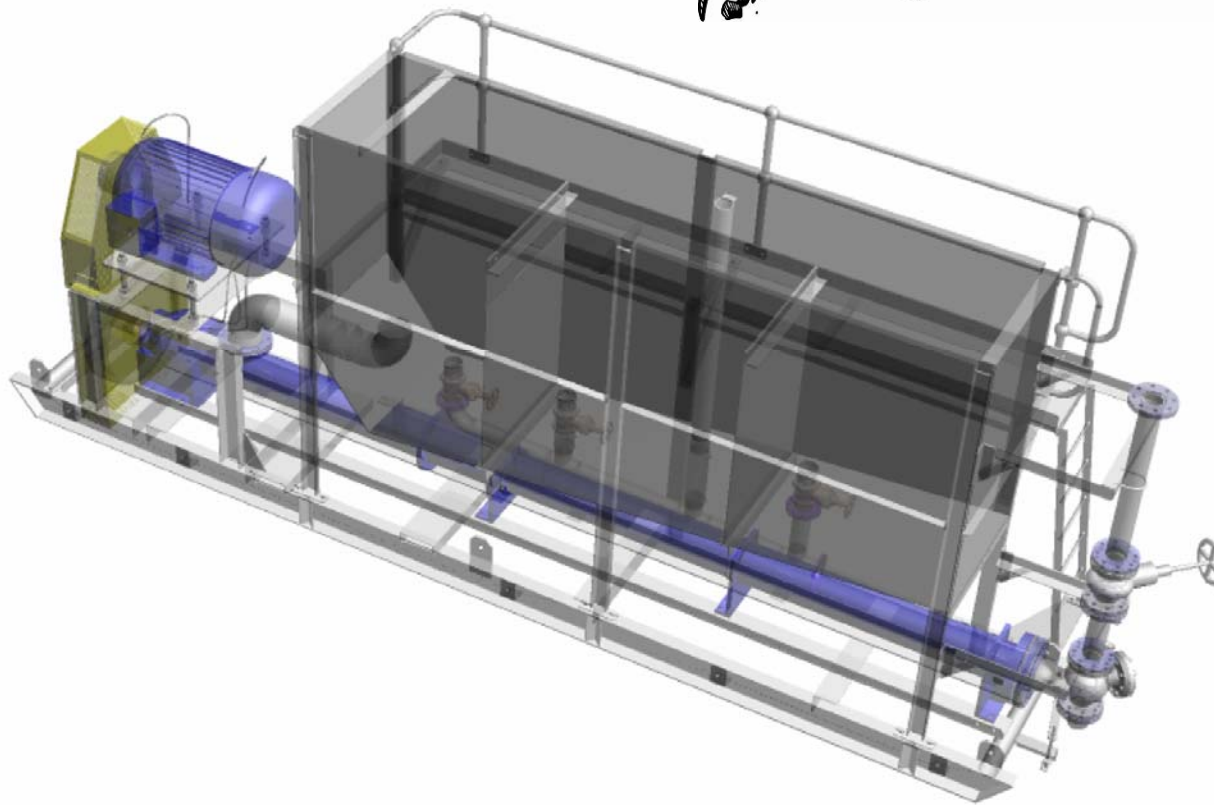


*Another*



## MONO MINING

*Success story*



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